

**Table 1. Summary Renewable Electric Power Industry Statistics (2006)**

**Michigan**

Primary Renewable Energy Capacity Source      Hydro Conventional  
Primary Renewable Energy Generation Source      Wood/Wood Waste

<u>Capacity (megawatts)</u>	<u>Value</u>	<u>Percent of State Total</u>
<b>Total Net Summer Electricity Capacity</b>	<b>30,189</b>	<b>100.0</b>
<b>Total Net Summer Renewable Capacity</b>	<b>618</b>	<b>2.0</b>
Geothermal	-	-
Hydro Conventional	257	0.9
Solar	-	-
Wind	2	*
Wood/Wood Waste	210	0.7
MSW/Landfill Gas	149	0.5
Other Biomass	-	-
<b><u>Generation (thousand megawatthours)</u></b>		
<b>Total Electricity Net Generation</b>	<b>112,557</b>	<b>100.0</b>
<b>Total Renewable Net Generation</b>	<b>3,972</b>	<b>3.5</b>
Geothermal	-	-
Hydro Conventional	1,520	1.4
Solar	-	-
Wind	2	*
Wood/Wood Waste	1,713	1.5
MSW Biogenic/Landfill Gas	735	0.7
Other Biomass	2	*

\* = Absolute percentage less than 0.05.

- = No data reported.

**Notes:** Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

**Sources:** Capacity: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: Energy Information Administration, Form EIA-906, "Power Plant Report" and EIA-920, "Combined Heat and Power Plant Report."

**Table 2. State Total Electric Power Industry Net Summer Capacity, by Energy Source, 2002 - 2006  
(Megawatts)**

**Michigan**

<b>Energy Source</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Fossil	22,881	23,994	23,992	23,948	23,693
Coal	11,981	11,989	11,976	11,982	11,860
Petroleum	1,704	1,737	1,719	1,675	1,499
Natural Gas	9,196	10,268	10,296	10,286	10,322
Other Gases	-	-	-	5	12
Nuclear	3,938	3,971	3,971	3,982	4,006
Renewables	644	613	612	620	618
Pumped Storage	1,872	1,872	1,872	1,872	1,872
Other	-	-	-	-	-
<b>Total</b>	<b>29,335</b>	<b>30,450</b>	<b>30,447</b>	<b>30,422</b>	<b>30,189</b>

- = No data reported.

**Notes:** Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

**Source:** Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table 3. State Renewable Electric Power Industry Net Summer Capacity, by Energy Source, 2002 - 2006  
(Megawatts)**

**Michigan**

<b>Energy Source</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Geothermal	-	-	-	-	-
Hydro Conventional	257	245	245	253	257
Solar	-	-	-	-	-
Wind	1	1	1	1	2
Wood/Wood Waste	211	210	210	210	210
MSW/Landfill Gas	176	158	157	157	149
Other Biomass	-	-	-	-	-
<b>Total</b>	<b>644</b>	<b>613</b>	<b>612</b>	<b>620</b>	<b>618</b>

- = No data reported.

**Notes:** Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

**Source:** Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table 4. State Total Electric Power Industry Net Generation, by Energy Source, 2002 - 2006  
(Thousand Megawatthours)**

**Michigan**

<b>Energy Source</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Fossil	83,667	80,218	84,661	85,573	79,994
Coal	66,700	67,777	68,622	70,346	67,801
Petroleum	1,103	1,064	894	898	396
Natural Gas	15,853	11,375	15,106	13,632	11,228
Other Gases	10	2	40	697	568
Nuclear	31,087	27,954	30,562	32,872	29,066
Renewables	3,889	3,884	4,085	3,982	3,972
Pumped Storage	-1,036	-1,017	-1,113	-1,106	-1,039
Other	281	309	292	300	564
<b>Total</b>	<b>117,889</b>	<b>111,347</b>	<b>118,487</b>	<b>121,620</b>	<b>112,557</b>

**Notes:** Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

**Sources:** Energy Information Administration, Form EIA-906, "Power Plant Report" and EIA-920, "Combined Heat and Power Plant Report."

**Table 5. State Renewable Electric Power Industry Net Generation, by Energy Source, 2002 - 2006  
(Thousand Megawatthours)**

**Michigan**

<b>Energy Source</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Geothermal	-	-	-	-	-
Hydro Conventional	1,669	1,386	1,540	1,462	1,520
Solar	-	-	-	-	-
Wind	s	3	2	2	2
Wood/Wood Waste	1,475	1,768	1,852	1,801	1,713
MSW Biogenic/Landfill Gas	745	724	688	714	735
Other Biomass	s	3	3	3	2
<b>Total</b>	<b>3,889</b>	<b>3,884</b>	<b>4,085</b>	<b>3,982</b>	<b>3,972</b>

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

- = No data reported.

**Notes:** Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

**Sources:** Energy Information Administration, Form EIA-906, "Power Plant Report" and EIA-920, "Combined Heat and Power Plant Report."